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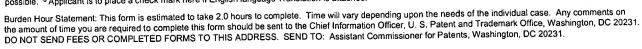
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	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	U.S. Patent	Document Kind Code ² (if known)	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
JD8K)	1.	6,244,757	B1	Kim et al.	06/12/2001	385/96				
2010	2.	5,560,760		Toeppen	10/01/1996	65/407				
200	3.	5,649,040		Ljungqvist et al.	07/15/1997	385/95				
JONY.	4.	3,615,312		Landry et al.	10/26/1971	65/4				
DOXX	·5.	6,289,027	B1	Lawrence et al.	09/11/2001	372/6				
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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Mor	7.	ADAM E. BARNES et al., Sapphire Fibers: Optical Attenuation and Splicing Tecniques, Applied Optics, October 20, 1995, Pgs. 6855 to 6858, Vol. 34, No. 30.	
SOM	8.	YUTAKA KUROIWA et al., Fusion Spliceable and High Efficient Bi2O3-based EDF for Short-length and Broadband Application Pumped at 1480 nm., Pgs. TuI5-1 to TuI5-3, 2000 Optical Society of America.	
Dep	9.	NAOKI SUGIMOTO et al., C+L Band Amplifying Properties in Short-length Bismuth Oxide Based Erbium Doped Fibers.	
Den	10.	ASAHI GLASS COMPANY, Technical Bulletin Bismuth-based EDF, -A Broadband, High Efficiency and Compact EDF, Technical bulletin rev. 2.22, February 23, 2000, Pgs. 1 to 17.	
Dog	11.	W. H. LOH et al., Single-sided Output Sn/Er/Yb Distributed Feedback Fiber Laser, Appl. Phys. Letter 69 (15), October 7, 1996, Pgs. 2151 to 2153, 1996 American Institute of Physics.	
ægj	12.	H.Y. TAM, Simple Fusion Splicing Technique for Reducing Splicing Loss Between Standard Singlemode Fibres and Erbium-doped Fibre, Electronics Letters, August 15, 1991, Pgs. 1597 to 1599, Vol. 27, No. 17.	
Day	13.	B. B. HARBISON et al., Fusion Splicing of Heavy Metal Fluoride Glass Optical Fibres, Electronics Letters, 1989, Vol. 25, No. 18.	
0998	14.	L. RIVOALLAN et al., Fusion Splicing of Fluoride Glass Optical Fibre with CO2 Laser, Electronics Letters, May 12, 1988.	
Sopp	15.	TETSUYA MIYAZAKI et al., Nd-Doped Double-Clad Fiber Amplifier at 1.06 um, Journal of Lightwave Technology, April 1998, Pgs. 562 to 566, Vol. 16, No. 4, 1998.	
AM	16.	WENXIN ZHENG, Real Time Control of Arc Fusion for Optical Fiber Splicing, Journal of Lightwave Technology, April 1993, Pgs. 548 to 553, Vol. 11, No. 4, 1993.	
PA)	17.	WENXIN ZHENG et al., Erbium-Doped Fiber Splicing and Splice Loss Estimation, Journal of Lightwave Technology, March 1994, Pgs. 430 to 435, Vol. 12, No. 3, 1994.	

Examiner Signature	Date Considered	5/8/03	
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DM	18.	K. EGASHIRA et al., Optical Fiber Splicing with a Low-power CO2 Laser, Applied Optics, June 1977, Pgs. 1636 to 1638, Vol. 16, No. 6.	
M	19.	A. BERG et al., Arc Fusion Splices with Improved Strength (4.8 GPa) Approaching the Strength of the Fibre, Electronics Letters, December 15, 1994, IEE 1995.	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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